



SEQUENCE LISTING

<110> Yamamura Ken-ichi
Araki Kimi

<120> TRAP VECTORS AND GENE TRAPPING USING THE SAME

<130> 4456-0101P

<140> 10/030,658

<141> 2002-01-11

<150> JP99/200997

<151> 1999-07-14

<160> 17

<170> PatentIn Ver. 2.0

<210> 1

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 1

taccgttcgt ata

13

<210> 2

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 2

tatacgaacg gta

13

<210> 3

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 3

ataacttcgt atagcataca ttatacgaag ttat

34

<210> 4

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<212> DNA

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:synthetic DNA

 <400> 4
 ataacttcgt ata 13

 <210> 5
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 <212> DNA
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 <220>
 <223> Description of Artificial Sequence:synthetic DNA

 <400> 5
 tatacgaagt tat 13

 <210> 6
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 <212> DNA
 <213> Other

 <220>
 <223> Homologous recombination sequence

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 taccgttcgt atagcataca ttatacgaac ggta 34

 <210> 7
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 <212> DNA
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 <223> Z1 forward primer used in PCR for B-geo detection

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 gcgttaccca acttaatcg 19

 <210> 8
 <211> 18
 <212> DNA
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 <223> Z2 reverse primer used in PCR for B-geo detection

 <400> 8
 tgtgagcgag taacaacc 18

 <210> 9
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Ori2 forward primer used in PCR for detecting the replication

origin region in pUC vector

<400> 9
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<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Ori3 reverse primer used in PCR for detecting the replication
origin region in pUC vector

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<212> DNA
<213> Mus musculus

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<223> n is a, c, g, or t

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ctcaaggtan agcaacagcg gctaacaaca aacgtcagct tagtgaaaac cgaaagccct 120
tcaacttttt gcctatgcag attaatacta acaagagcaa ggatgctact gcaagtcttc 180
caaagagaga gatgacaacg tcagcacagt gcaaagagtt gtttgcttct gctctaagta 240
atgacctttt gcaaaactgt caatctctga agaagatggg agaggggagc ctgcatggga 300
aacaccagat tgtaagcagg cttgttcaat cctgactata ttactaaagc tagttctatg 360
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<212> DNA
<213> Mus musculus

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<223> n is a, c, g, or t

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<221> misc_feature
<222> (403)..(403)
<223> n is a, c, g, or t

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ttacagaaac tacaggaagc ttatctggag tcagcatcac atctgaacta aatgaagaac 120
tgaatgattt aattcagcgt ttccataatc agcttctgtga ttctcagcct ccagctgttc 180
cagacaacag aagacaggca gaaagtcttt cattaactag agagatttct cagagcagaa 240
atcctcagct ttctgaacat ttacctgatg agaaagtaca gcttttttagc aaaatgagag 300
tactacagga aaagaacaag aaatggacaa attagttggg agaacttcat aaccttcgag 360
atnagcatct gaacaactca tcatttctgtc cntcaacttc ncnccaaaga agtggg 416

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<212> DNA
<213> Mus musculus

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<223> n is a, c, g, or t

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<223> n is a, c, g, or t

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<222> (54)..(54)
<223> n is a, c, g, or t

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<222> (89)..(89)
<223> n is a, c, g, or t

<220>
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<222> (244)..(244)
<223> n is a, c, g, or t

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<222> (257)..(257)
<223> n is a, c, g, or t

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gagtatatgg cttttccaaa accctctgna aagcagttct tctcttggag cagaaaagca 120
aaggaatcaa gaaacagccc gaagaggaag ctgaaaacac taagacacca tggttatatg 180
atcaagaagg tggagtagaa aaaccatttt tcaagactgg atttacagag tctgtagaga 240
aagntacaaa atagtanccg caaaaatcaa ccagatacaa gcaggagaag acgtcggttt 300
gatgaagaat cccttggaag gcttttagcag tatgcctgat cctatagacc caacatcagt 360
aactaaaaca tttaaaacaa gaaaagcatt tgcccaggcc agcctggcct ctaaggacaa 420
aactcccaa tcaaagagta agaagaggat tctactcagc tgaaaagtag agttaaaaat 480
attg 484

<210> 14
<211> 211
<212> DNA
<213> Mus musculus

<400> 14
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aatctggaac actataacgg aaaggagttc gagaagctcc tggaggaagc tcaggccaac 120
atcatgaagt caattccaaa cctggagatg cccccagctt ccagcccagt gtcaaaggga 180
gatgcggcag gggataagct ggagctgtca g 211

<210> 15
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic DNA

<400> 15
taccgttcgt atagcataca ttatacgaag ttat

34

<210> 16
<211> 34
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 16

ataacttcgt atagcataca ttatacgaac ggta

34

<210> 17

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 17

tattgaagca tatcgtatgt aatatgcttc aata

34